

~~SECRET~~112 6 my 0-329
26 MAR 1953

CONFIDENTIAL

PLEASE RETURN TO
ENGINEERING DIVISION

Chief, Operations and Training Division, OC

Chief, Engineering Division, OC

Land Line Evaluation, [REDACTED]

1. Commencing during the latter part of April, it is intended to evaluate the [REDACTED] communications system from the contractor's facilities [REDACTED]. This evaluation will include communications via ionospheric propagation utilizing the QFM modulation capability of the system. In addition it is intended to communicate by a land line utilizing the audio tone portion of the [REDACTED] equipment.

2. It is requested that action be taken to lease long distance land line facilities from [REDACTED] to the [REDACTED]

[REDACTED] These lines should be made available on or about 1 May 1958 for a period of approximately one week and should be of such quality that audio tones up to 2850 cycles may be transmitted without appreciable attenuation or distortion. It is particularly desirable that long stretches of H-88 type lines be avoided and that no teletype repeaters be included in this circuit.

3. After the equipment is evaluated at [REDACTED] it is intended to transfer the Data Receiving Terminal to the Signal Center at Headquarters and relay intelligence via the same audio tone system from the RF Receiving Terminal at [REDACTED] to the Data Terminal in "L" Building. When this installation is accomplished, it will be necessary to permanently lease an audio circuit from [REDACTED] to Headquarters for this purpose. It is suggested that you also investigate the availability of this type of circuit.

OC-E/R+D-EP/WNH:mjr (25 March 1958)

cc: R+D Subject File

OC-E Chrono

R+D Chrono

EP Chrono

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